

Soviet GNP, Budget and Military Expenditure a/
1950-1962, 1968
(Billion 1 July 1955 Rubles)

Project 39.2016

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1968
	940	1000	1070	1140	1220	1310	1420	1490	1590- 1590	1680- 1690	1780- 1800	1880- 1920	2000- 2050	2340- 2390
Soviet GNP														
Soviet Budget Expenditures b/	413	443	460	472	515	540	564	589(Plan)						
Soviet Defense Budget c/	83	93	109	105	100	107	97	97						280
Military Expenditures d/	117	130	135	137	145	162	174	177	181	200	211	222	226	170
Major Programs e/	50	60	63	64	70	84	93	92	93	109	117	124	125	
Ground Forces	9.3	9.5	10	11	11	11	10	10	10	9.1	8.0	8.8	8.4	
Naval Forces	7.4	7.2	6.1	7.4	9.9	11	9.8	10	10	11	10	11	12	
Air Forces f/	14	22	22	20	20	23	28	28	26	34	32	34	37	
Other	19	22	25	26	30	39	46	44	47	54	67	70	68	
Research & Development	9.6	11	12	12	12	15	18	19	20	24	23	25	26	
Guided Missiles g/	1.6	2.4	3.6	5.0	5.7	6.9	8.0	8.5	9.0	9.5	10.5	11.0	11.5	
Nuclear Energy h/	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Personnel Costs	47	49	49	49	50	51	52	53	53	54	54	54	54	
Ground Forces	22	22	22	23	23	24	24	24	24	25	25	25	25	
Naval Forces	5.5	6.3	6.3	6.3	6.4	6.5	6.9	6.9	6.9	6.9	7.0	7.0	7.1	
Air Forces	9.1	9.5	10	11	11	11	12	12	12	13	13	13	13	
Other	10	10	10	9.2	9.4	9.2	9.3	9.4	9.4	9.4	9.4	9.4	9.4	
Supporting Programs	19	21	23	25	26	27	29	32	35	38	40	44	47	
Ground Forces	3.1	3.0	3.3	3.3	3.3	3.5	3.5	3.4	3.5	3.6	3.6	3.6	3.6	
Naval Forces	1.4	1.5	1.8	2.0	2.2	2.4	2.7	3.1	3.4	3.8	4.2	4.5	4.8	
Air Forces	3.0	3.1	3.8	4.9	5.2	5.1	6.0	7.0	8.1	8.5	8.1	9.0	8.9	
Other	12	13	14	14	15	16	17	19	20	22	24	27	29	

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Footnotes

- a/ Data presented in this table for the years 1950-1962 are those prepared by ORR for NIE 11-4-57. The estimates of military expenditures are based primarily on the Services' estimates of the production of military hard goods and military manpower. The figures for 1963 are general orders of magnitude based on the projection of previous trends. All of the estimates in this table are shown in constant market prices using 1 July 1955 ruble price relationships. The two series relating to the Soviet budget are announced figures given in current rubles and reflect changes in ruble prices. In general, the ruble estimates reflect relative scarcities and scales of value in the Soviet Union, whereas the dollar estimates indicate the expenditures that would be necessary in the US for the Soviet programs given the US price relationships. It should be noted that the relationship (in rubles) of military expenditures to GNP, as represented by the series in this table, differs from that stated in Footnote c of the table transmitted on 9 October 1957 as the series herein presented are in market prices whereas the series basic to the relationship previously stated are in factor prices. Factor prices are market prices less indirect taxes.
- b/ These are total stated expenditures in current rubles except for the years 1953 and 1954 where fictitious entries for price reductions have been deducted.
- c/ Figures are announced defense expenditures in current rubles except those for 1954 and 1957 which are plan figures.
- d/ These estimates, while the best currently available, are still preliminary in some respects. The detail may not add to totals because of rounding. Footnotes in the previous table transmitted on 9 October 1957 relating to the composition of categories also apply to this table. The dollar series transmitted on 9 October 1957 should be amended as indicated below. The values for each of the categories listed are 0.5 or 0.6 billion dollars less than were previously shown.

	1957
Military Expenditures	42.1 billion 1955 US dollars
Major Programs	17.4
Air Forces	5.4

- e/ Research and Development applicable to nuclear energy is estimated at roughly one-half billion 1955 dollars per year during this period. Dollar estimates for R & D applicable to the Soviet guided missile program are as follows, in billions (of 1955 US dollars):

1950	0.3	1956	1.6
1951	0.5	1957	1.7
1952	0.7	1958	1.8
1953	1.0	1959	1.9
1954	1.1	1960	2.1
1955	1.4	1961	2.2
		1962	2.3

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